

FILED
8/28/03

W1146-01

INFORMATION UNDER 37 CFR 1.56(a)

(For Initial Filing)

The following references are submitted as information
to comply with the duty of disclosure under 37 CFR 1.56(a):

References	Disclosed in the specification?		Copy			Translation	
	Yes	No	Enc.	Follow	Please obtain	Enc.	Not avail-able
GJP 1. JP-A-2000-187938		<input type="radio"/>	<input type="radio"/>			<input type="radio"/> (only abstract)	
GJP 2. JP-A-9-162916		<input type="radio"/>	<input type="radio"/>			<input type="radio"/> (only abstract)	
3.							
4.							
5.							

Concise explanation (relevant portions)

EXAMINER: GARY J. PORTKA

10/28/05

FORM PTO-1449 U.S. Department of
Commerce (Rev. 4/92) Patent and Trademark
Office

ATTY. DOCKET NO.

500.43057X00

SERIAL NO.

10/649,687

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

APPLICANT

H. MATSUSHIGE, et al

FILING DATE

August 28, 2003

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
GJP	2 0 0 0 2 4 4 0	01/02	Sakai			
GJP	5 9 7 4 0 5 8	10/99	Burns et al			
GJP	5 8 9 8 8 2 8	04/99	Pignolet et al			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT
					YES NO
GJP	1 3 5 3 2 6 4	10/03	European		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

GARY J. PORTKA

DATE CONSIDERED

10/28/05

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

FORM PTO-1449 U.S. Department of
Commerce (Rev. 4/92) Patent and Trademark
Office

ATTY. DOCKET NO.

500.43057X00

SERIAL NO.

10/649,687

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT

H. MATSUSHIGE, et al

FILING DATE

August 28, 2003

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
GJP	5 1 5 5 6 3 8	10/92	Aikawa et al			
↑	5 4 3 0 8 5 5	7/95	Walsh et al			
	6 5 3 0 0 0 7	3/03	Olarig et al			
2 0 0 2	0 0 0 4 8 9 2	1/02	Gans et al			
2 0 0 2	0 0 5 3 0 1 0	5/02	Piccirillo et al			
GJP	2 0 1 4 0 2 0 7	7/03	Nagase et al			
2 0 0 3						

COPY

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT
					YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER GARY J. PORTKA

DATE CONSIDERED

10/28/05

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

FORM PTO-1449 U.S. Department of
Commerce Patent and Trademark Office

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

500.43057X00

SERIAL NO.

10/649,687

APPLICANT

H. MATSUSHIGE, et al

FILING DATE

August 28, 2003

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
GJP	4 9 4 9 0 5 1	8/90	Viola			
	6 0 6 9 9 2 7	5/00	Kikuchi			
	5 8 9 8 8 2 8	4/99	Pignolet et al			
	5 4 3 0 8 5 5	7/95	Walsh et al			
	5 5 1 2 8 6 0	4/96	Huscroft et al			
	5 8 9 8 8 2 8	4/99	Pignolet et al			
	6 2 6 6 3 8 3	7/01	Kikuchi			
	6 3 9 2 4 9 5	5/02	Larsson			
GJP	6 5 3 0 0 0 7	3/03	Olari et al			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT
					YES NO
GJP 0 3 0 3 4 6 4 7	4/03	PCT			XX
GJP 1 1 0 4 1 1 3	9/02	European			
GJP 0 8 6 6 5 5 9	9/98	European			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER **GARY J. PORTKA**

DATE CONSIDERED **10/28/05**

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

FORM PTO-1449 U.S. Department of
Commerce Patent and Trademark Office

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

500.43057X00

SERIAL NO.

10/649,687

APPLICANT

H. MATSUSHIGE, et al

FILING DATE

August 28, 2003

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
GJP	2 0 0 3 3 4 0 7	10/01	Cao			
GJP	2 0 0 5 3 0 1 0	5/02	Piccirillo et al			
GJP	2 0 0 3 3 7 1 4	3/02	Perrott			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT
					YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER GARY J. PORTKA

DATE CONSIDERED 10/28/05

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

FORM PTO-1449 U.S. Department of
Commerce Patent and Trademark Office

ATTY. DOCKET NO.

SERIAL NO.

500.43057X00

10/649,687

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

APPLICANT

H. MATSUSHIGE, et al

FILING DATE

August 28, 2003

GROUP

SEP 06 2005

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
GJP	2 0 0 2 0 1 9 9 0 5 1	12/02	Fukae et al			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
						YES	NO
GJP	0 8 6 2 2 7 2	9/98	European			Eng. Trans.	
GJP	2 0 0 2 3 5 9 6 6 1	12/02	Japan				XX

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

GARY J. PORTKA

DATE CONSIDERED

10/28/05

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])